

WEST

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Search Results -

Terms	Documents
L12 and collagenase	25

US Patents Full-Text Database
US Pre-Grant Publication Full-Text Database
JPO Abstracts Database
EPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Database:**Search:**

L14

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Search History

DATE: Monday, August 19, 2002 [Printable Copy](#) [Create Case](#)

Set Name Query
side by side

DB=USPT; PLUR=YES; OP=OR

<u>L14</u>	L12 and collagenase	25	<u>L14</u>
<u>L13</u>	L12 and (collagenase).ab.	1	<u>L13</u>
<u>L12</u>	l11 and (gelatin or collagen).ab.	57	<u>L12</u>
<u>L11</u>	gly.clm.	3506	<u>L11</u>
<u>L10</u>	Quelle-g\$.in.	0	<u>L10</u>
<u>L9</u>	l6 and GLY	3	<u>L9</u>
<u>L8</u>	l6 and stabili\$	13	<u>L8</u>
<u>L7</u>	L6 and nonantigenic	0	<u>L7</u>
<u>L6</u>	(collagenase and gelatin).clm.	17	<u>L6</u>
<u>L5</u>	(collagenase and gelatin and GLY).clm.	0	<u>L5</u>
<u>L4</u>	(collagenase and gelatin).ab.	2	<u>L4</u>
<u>L3</u>	(collagenase and gelatin and GLY).ab.	0	<u>L3</u>

DB=EPAB; PLUR=YES; OP=OR

<u>L2</u>	(collagenase and gelatin and GLY).ab.	1	<u>L2</u>
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DB=DWPI; PLUR=YES; OP=OR

<u>L1</u>	(collagenase and gelatin and GLY).ab.	10	<u>L1</u>
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Hit Count Set Name
result set

END OF SEARCH HISTORY

Set Name Query
side by side

DB=USPT; PLUR=YES; OP=OR

L17 L16 and GLY 2 L17

L16 L15 and (nonimmunog\$ OR additive OR adjuvant or
stabilizer or nonantigenic).ab. 15 L16

L15 (530/354 OR 530/356)!.CCLS. 1108 L15

DB=PGPB; PLUR=YES; OP=OR

L14 (530/354 OR 530/356).CCLS. 10 L14

L13 L12 and collagen 5 L13

L12 gly.ab. 16 L12

L11 l10 AND gly 311 L11

L10 stabilizer and gelatin 1915 L10

L9 l4 0 L9

DB=USPT; PLUR=YES; OP=OR

L8 L7 and nonantigenic 0 L8

L7 stabilizer.ti. 3498 L7

L6 l4 and nonantigenic.ab. 0 L6

L5 L4 and gelatin.ab. 0 L5

L4 sakai-y\$.in. 489 L4

DB=JPAB; PLUR=YES; OP=OR

L3 L2 and gelatin 7 L3

L2 sakai-y\$.in. 4858 L2

L1 yasuo-s\$.in. 1 L1

Hit Count Set Name
result set

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Search Results -

Terms	Documents
L18 and (gelatin or collagen)	21

US Patents Full-Text Database
US Pre-Grant Publication Full-Text Database
JPO Abstracts Database
EPO Abstracts Database
Derwent World Patents Index

Database: **Search:**

L19

Search History

DATE: Monday, August 19, 2002 [Printable Copy](#) [Create Case](#)

Set Name Query
side by side

DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=OR

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
<u>L19</u>	L18 and (gelatin or collagen)	21	<u>L19</u>
<u>L18</u>	L17 and (adjuv\$ or stabilizer or additive or nonantigenic).ab.	288	<u>L18</u>
<u>L17</u>	GLY.ab.	8499	<u>L17</u>
<u>L16</u>	L15 and (collagen or gelatin).ab.	20	<u>L16</u>
<u>L15</u>	(sakai-Y\$ or kutsuzawa-r\$ or onuma-m\$).in.	6340	<u>L15</u>

DB=USPT; PLUR=YES; OP=OR

<u>L14</u>	L12 and collagenase	25	<u>L14</u>
<u>L13</u>	L12 and (collagenase).ab.	1	<u>L13</u>
<u>L12</u>	l11 and (gelatin or collagen).ab.	57	<u>L12</u>
<u>L11</u>	gly.clm.	3506	<u>L11</u>
<u>L10</u>	Quelle-g\$.in.	0	<u>L10</u>
<u>L9</u>	l6 and GLY	3	<u>L9</u>
<u>L8</u>	l6 and stabili\$	13	<u>L8</u>
<u>L7</u>	L6 and nonantigenic	0	<u>L7</u>
<u>L6</u>	(collagenase and gelatin).clm.	17	<u>L6</u>
<u>L5</u>	(collagenase and gelatin and GLY).clm.	0	<u>L5</u>
<u>L4</u>	(collagenase and gelatin).ab.	2	<u>L4</u>
<u>L3</u>	(collagenase and gelatin and GLY).ab.	0	<u>L3</u>

DB=EPAB; PLUR=YES; OP=OR

<u>L2</u>	(collagenase and gelatin and GLY).ab.	1	<u>L2</u>
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DB=DWPI; PLUR=YES; OP=OR

<u>L1</u>	(collagenase and gelatin and GLY).ab.	10	<u>L1</u>
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Entry 1 of 1

File:DERWENT

June 17, 1999

DERWENT-ACC-NO: 1995-158994

DERWENT-WEEK: 199521

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TITLE:

Peptide compsn. used as protein food for allergy associated diseases - is
 prep'd. by reacting base material contg. collagen or gelatin, and collagenase
 enzyme

PATENT-ASSIGNEE: MIYAGI KAGAKU KOGYO KK[MIYAN]

PRIORITY-DATA: 1993JP-0249872 (September 10, 1993)

PATENT-FAMILY:

PUB-NO
JP 07082299 A

PUB-DATE
 March 28, 1995

LANGUAGE
 N/A

PAGES
 007

MAIN-IPC
 C07K 014/78

APPLICATION-DATA:

PUB-NO
JP07082299A

APPL-DESCRIPTOR
 N/A

APPL-NO
 1993JP-0249872

APPL-DATE
 September 10, 1993

IPC: A23J003/06; A23J003/34 ; A61K038/00 ; A61L015/16 ; A61L027/00 ;
 C07K014/78 ; C12P021/06

ABSTRACTED-PUB-NO:JP07082299A

BASIC-ABSTRACT: Peptide compsns. contains at least 70% of the peptide of formula (Gly-X-Y)_n (where n = 1-3). The peptide has no antigen-action, and a mol. wt. of up to 1000, and is prep'd. by reaction of a base material contg. collagen, or gelatin, and a collagenase enzyme. In the formula, X and Y are not defined. The collagenase enzyme is immobilised to magnetic carrier with upto 10 microns particle size, or bound to carrier by chemical bonding. Dry bone, or fresh bone is pulverised, and treated with an acid, and a collagenase enzyme prep'd. from Clostridium histotoxicum, or Streptomyces parvulus. USE - The peptide compsn. is used as protein food for allergy-associated diseases. In an example, modified collagen (gelatin) (50 g) was dissolved in 20 mM HEPES buffer (500 ml), and stirred at 50 deg. C with an enzyme soln. of collagenase enzyme (0.2 g), and 50 mM HEPES buffer (100 ml). The mixt. was heated at 30 deg. C for 20 hrs. to form an aq. soln. The soln. was reacted at 30 deg. C for 18-20 hrs. at pH 7.0, and filtered by membranes of 2.0 microns and 0.45 microns to give a filtered soln. The soln. was filtered with an ultrafilter of 5000 mol. wt., and then 1000 mol. wt. to give a peptide compsn..

CHOSEN-DRAWING:Dwg.0/0

TITLE-TERMS:

PEPTIDE COMPOSITION PROTEIN FOOD ALLERGIC ASSOCIATE DISEASE PREPARATION
 REACT BASE MATERIAL CONTAIN COLLAGEN GELATIN COLLAGENASE ENZYME

DERWENT-CLASS: B04 D1 016 P34

CPI-CODES: B04-N02B; B14-E11; B14-G02A; D05-A01A5; D05-A01B3; D05-C11;

CHEMICAL-CODES:

Chemical Indexing M2 *01*

Fragmentation Code

H1 H181 J0 J011 J1 J171 M280 M311 M321 M342
M349 M381 M391 M416 M620 M781 M903 M904 N134 N161
P431 P714 Q233 V0 V902 V911 V921

Markush Compounds

199521-25501-U

Chemical Indexing M1 *02*

Fragmentation Code

H1 H181 J0 J011 J1 J171 M280 M311 M321 M342
M349 M381 M391 M423 M510 M520 M530 M540 M620 M781
M903 M904 N134 N161 P431 P714 Q233 V902 V912 V921

Markush Compounds

199521-25502-U

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers:

C1995-073641

Non-CPI Secondary Accession Numbers:

N1995-124895

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